P.W.D., ELECTRICITY AND TRANSPORT

and eight room Low Cost School buildings without sacrificing either the æsthetic appearance or the utility of the buildings.

The Five-Year Plan.

944. The activities of the Public Works Department in respect of the Five-Year Plan consists of Major Irrigation Works under "Irrigation and Power", Minor Irrigation Works under "Agriculture" and Road and Bridge works under "Road Transport".

Irrigation and Power.

945. Thirty-five major and medium works were proposed under Irrigation and Power, including the major projects of Bhadra Reservoir, Tunga Anicut and Nugu Reservoir. The original target of expenditure for the first five years in respect of the schemes was Rs. 716·00 lakhs. This was subsequently revised to Rs. 1,159·00 lakhs mainly on account of the need for rapidly pushing through the Bhadra and Nugu Reservoir Schemes.

946. The two old major works of the First-Five-Year Plan, *viz.*, Vedavathi Anicut and Kariyala tank, have been included in the Second Five-Year Plan and they were in progress.

947. Under Malnad Development, the plan target was Rs. 35·00 lakhs. The expenditure shown above is inclusive of the works taken up in the Malnad districts of Shimoga, Chickmagalur and parts of Hassan and Mysore.

948. The revenue realised under Civil Works during the year amounted to Rs. 63,67,382.

The Mysore Engineering Research Station, Krishnarajasagar.

949. The Mysore Engineering Research Station which was reorganised with a view to broaden the scope of its activities continued to function as the Research Wing of the Public Works Department directly under the control of the Chief Engineer.

(ii) Major Irrigation Works.

950. The important irrigation works under the jurisdiction of the Special Chief Engineer were:—(1) The Bhadra Project, (2) The Tunga Anicut Works, (3) The Nugu Reservoir Works, (4) The Ambligola Project, (5) Development of irrigation under Tungabhadra Project in Mysore area, and (6) The Sharavathy Valley Hydro-Electric Project-Civil Engineering Works.

951. *Bhadra Project.*—The Bhadra Reservoir Works have been included in the Five-Year Plan of the Government of India. It is a multi-purpose project intended to provide irrigation facilities for about 2·34 lakhs of acres of land and generation of 41,040 K.W. of power at dam site.

952. Against total grant of Rs. 4,04,35,115 for the Project, an outlay of Rs. 4,18,07,221 was incurred.

953. All the preliminary works connected with the construction of the dam across the Bhadra river near Lakkavalli had been completed.

954. The excavation for the entire length of 50 miles of the Left Bank Channel from Bhadra Reservoir had been practically completed. The work on the Right Bank Channel was under progress.

955. *Tunga Anicut Works.*—The work of constructing an anicut across the Tunga river near Sacrebyle was started during 1946. The scheme is designed to irrigate 21,500 acres of land through right and left bank channels in the taluks of Shimoga and Honnali. The head works had been completed. Water was allowed in both the channels to irrigate an extent of 10,000 acres of land.

956. Out of the total estimate of Rs. 2,31,12,000 for the Project, an outlay of Rs. 1,79,06,806 was incurred up to the end of the year.

957. *Nugu Reservoir Division.*—In the Nugu Reservoir Division, out of the total grant of Rs. 51,26,615, an outlay of Rs. 50,42,858 was incurred during the year.

958. *Ambligola Reservoir Project.*—The work was commenced by about the end of 1953. The preliminary and foundation works were in progress. Against a grant of Rs. 8·50 lakhs, an outlay of Rs. 8,03,198 was incurred during the year.

959. The Special Irrigation Division at Bellary continued to be in charge of the distributaries of the Tungabhadra Low Level Canal during the year. Against a grant of Rs. 12·84 lakhs, an expenditure of Rs. 12,98,900 was incurred during the year.

960. Under the Low Level Canal taking off from the Tungabhadra Reservoir, Mysore, has got a localised atchkat of 92,308 acres.

P.W.D., ELECTRICITY AND TRANSPORT

961. Up to end of March 1956, works were completed to serve an extent of 45,000 acres of atchkat, of which, 12,000 acres was actually developed for irrigation.

962. A sum of rupees one lakh was sanctioned for the grant of loans to ryots of the area to improve their lands.

963. *Sharavathy Hydro-Electric Project.*—The preliminary works of the Sharavathy Valley Project were started during the year and were in progress.

964. The project across the river Sharavathi was proposed to be constructed in three stages to produce 7,10,000 K.W. of power.

965. Against a grant of rupees six lakhs, an outlay of Rs. 4,14,750 was incurred during the year.

(iii) Electricity Department.

966. The Generating Stations at Sivasamudram, Shimshapura, Jog and Sandur had conjointly generated 74,15,35,000 units of power during the year.

Power supply to Villages.

967. During the year, 63 villages were electrified bringing the total to 811 (748) at the end of the year.

968. Fourteen thousand, nine hundred and sixty-five industrial, domestic, heating, and lighting, commercial and cinema installations were serviced during the year.

Power to Irrigation pumping sets.

969. One thousand and thirty-four irrigation pumping installations were serviced during the year with the assistance of Government of India loan of 40 lakhs, and the total number of irrigation pump sets electrically driven stood at 7,826 (6,792). On an average of five acres per pump, the area cultivated by electrically driven pumps was about 39,130 acres. The revenue realised on this Scheme was Rs. 6,95,986 on the total capital expenditure of Rs. 2,49,44,649.

Street Lighting.

970. Two thousand six hundred and thirty-seven fresh street lights were serviced during the year bringing the total number of street lights in service to 39,501 (36,864) in the several cities, towns, and villages in the State at the end of the year.

971. Power supply to Kollegal and Silk Filatures and bulk supply at points at Ujjini and Hindupur for Madras Government and power supply to Tungabhadra Project at